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Figure 1

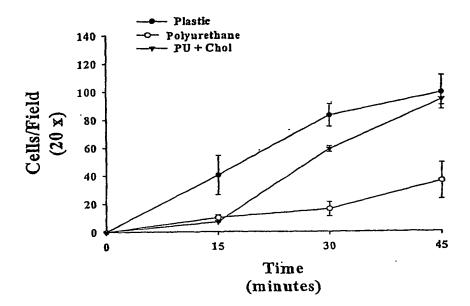
2/19 .

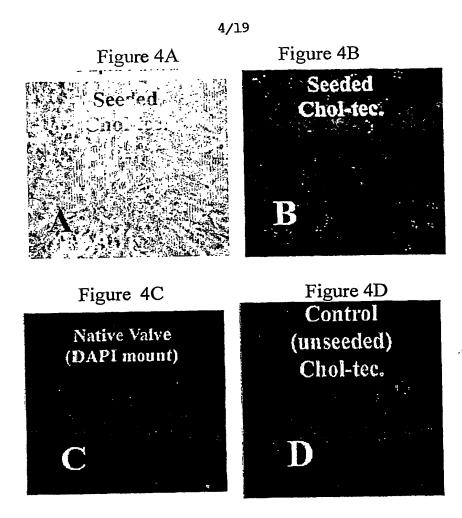
R = polyether-urethane macromolecule

Cholesterol-modified Tecothane

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Figure 3





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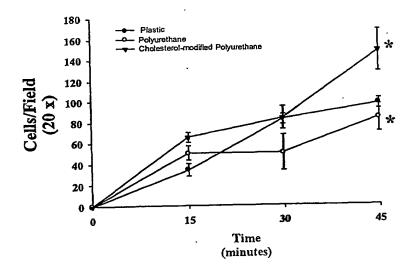
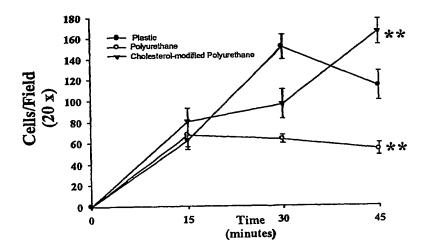
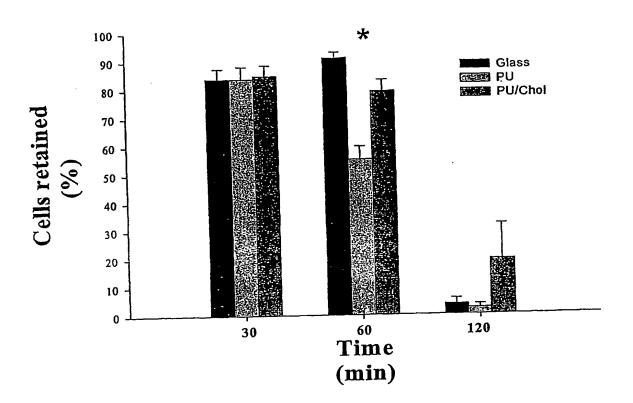


Figure 5B



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BAEC attachment to substrate (25 dynes/cm²)



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Figure 7

R = polyurethane macromolecule, Su = N-succinimidyl, DCC = dicyclohexylcarbodiimide,

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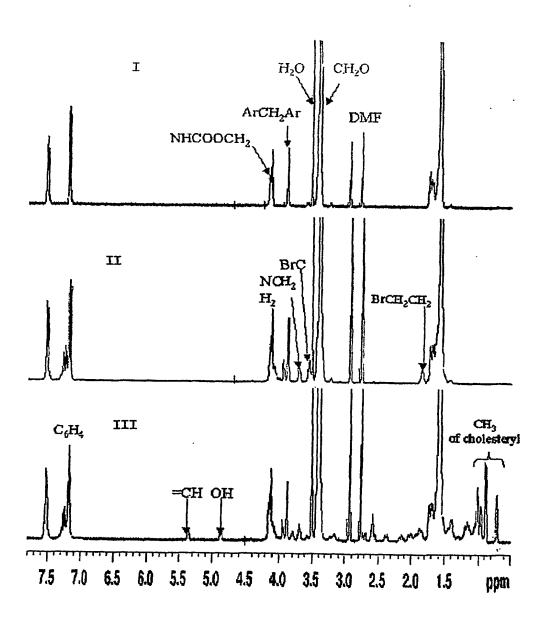
OCN-A-NCO
$$\div$$
 HO-X-OH NCO-terminated Prepolymer HO-Y-OH Chain extender Y = alkyl chain

$$(CH_2)_nBr$$
HO-Y-O- $(CO-NH-A-NH-CO-O-X-O)_n$ -CO-NH-A-NH-CO-O-Y-O-

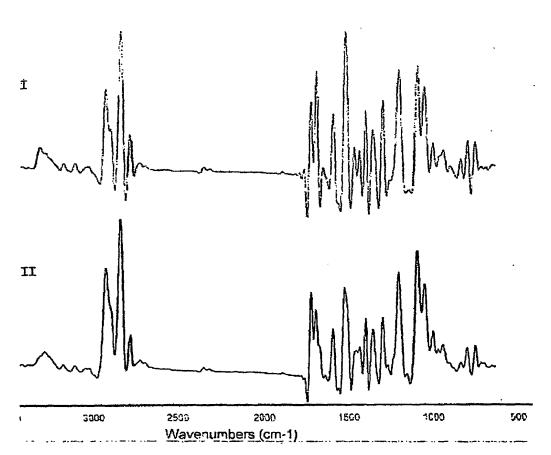
Segmented polyurethane

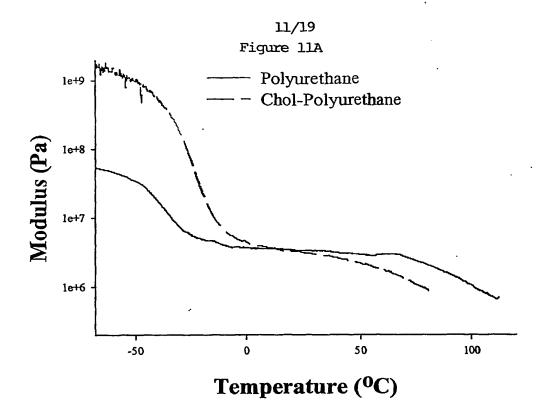
A = p-C₆H₄CH₂C₆H₄-p (polyurethanes based on MDI) or cyclo-C₆H₁₀CH₂C₆H₁₀-cyclo (aliphatic polyurethanes based on HMDI) X = residue of polytetramethyleneoxide (polyether-urethanes) or polycarbonatediol (polycarbonate-urethanes)

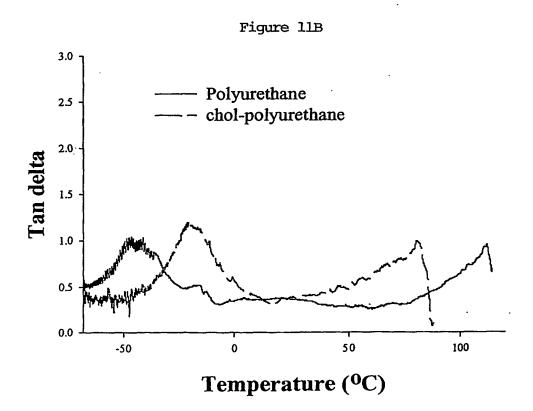
9/19 Figure 9











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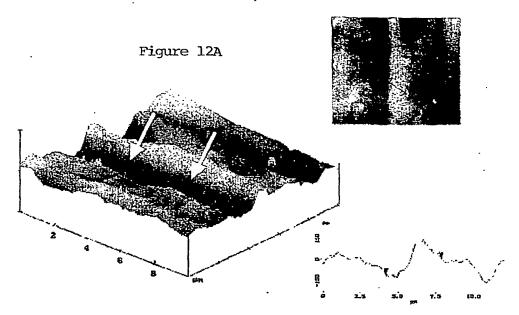
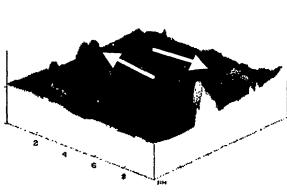


Figure 12B

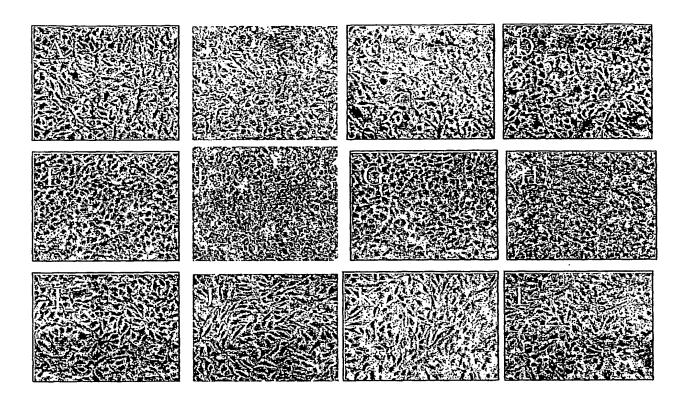




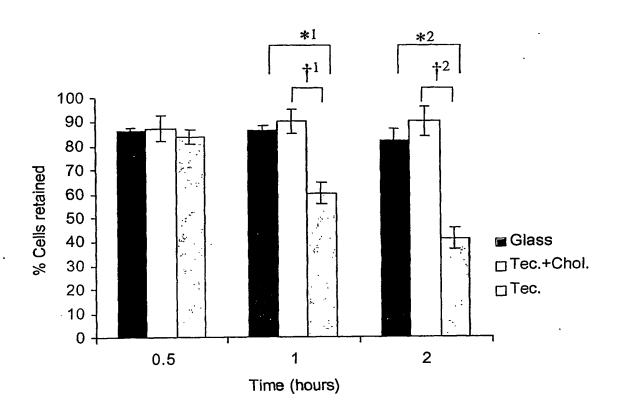


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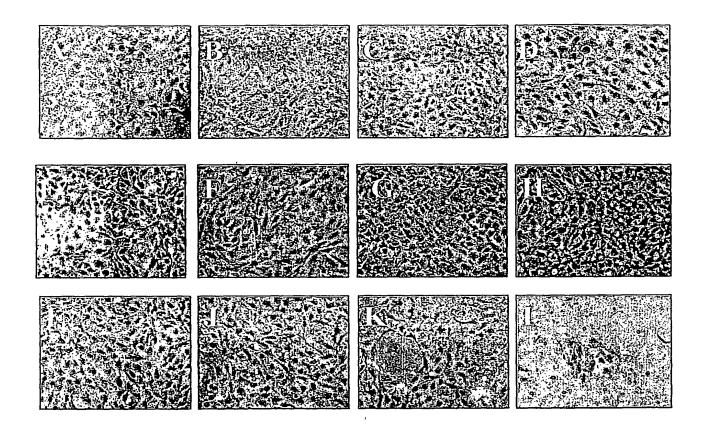
Figures 13A-L



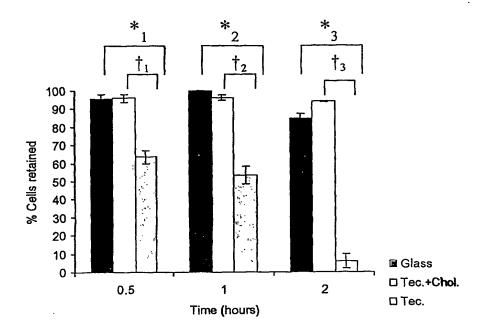
14/19 Figure 13M



15/19 Figures 14A-L



16/19 Figure 14M



17/19 Figure 15

FSD Tec in dH20 1 FSD Tec in H202*Co201 1 FSD Teo-chal in dH20 1 FSD Teo-chal in H202*Co201 1

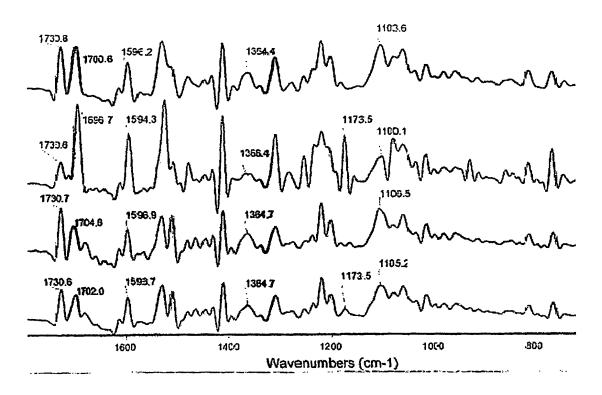
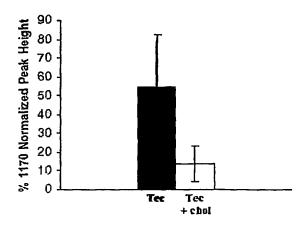


Figure 16
Oxidative Degradation of Tecothane



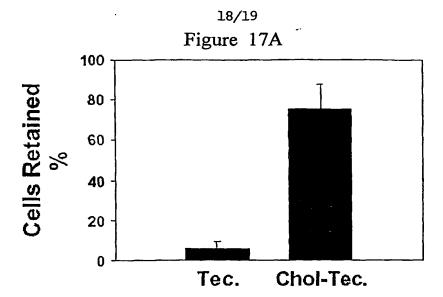
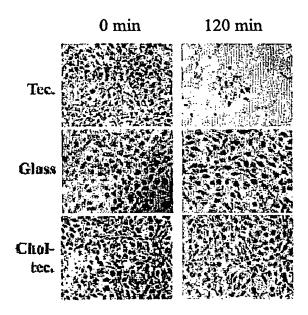
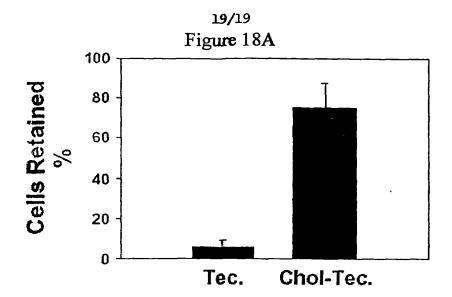
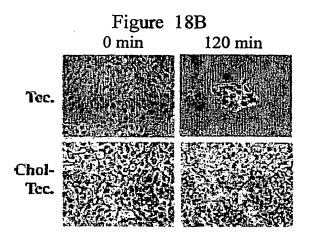


Figure 17B







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